Datasheet

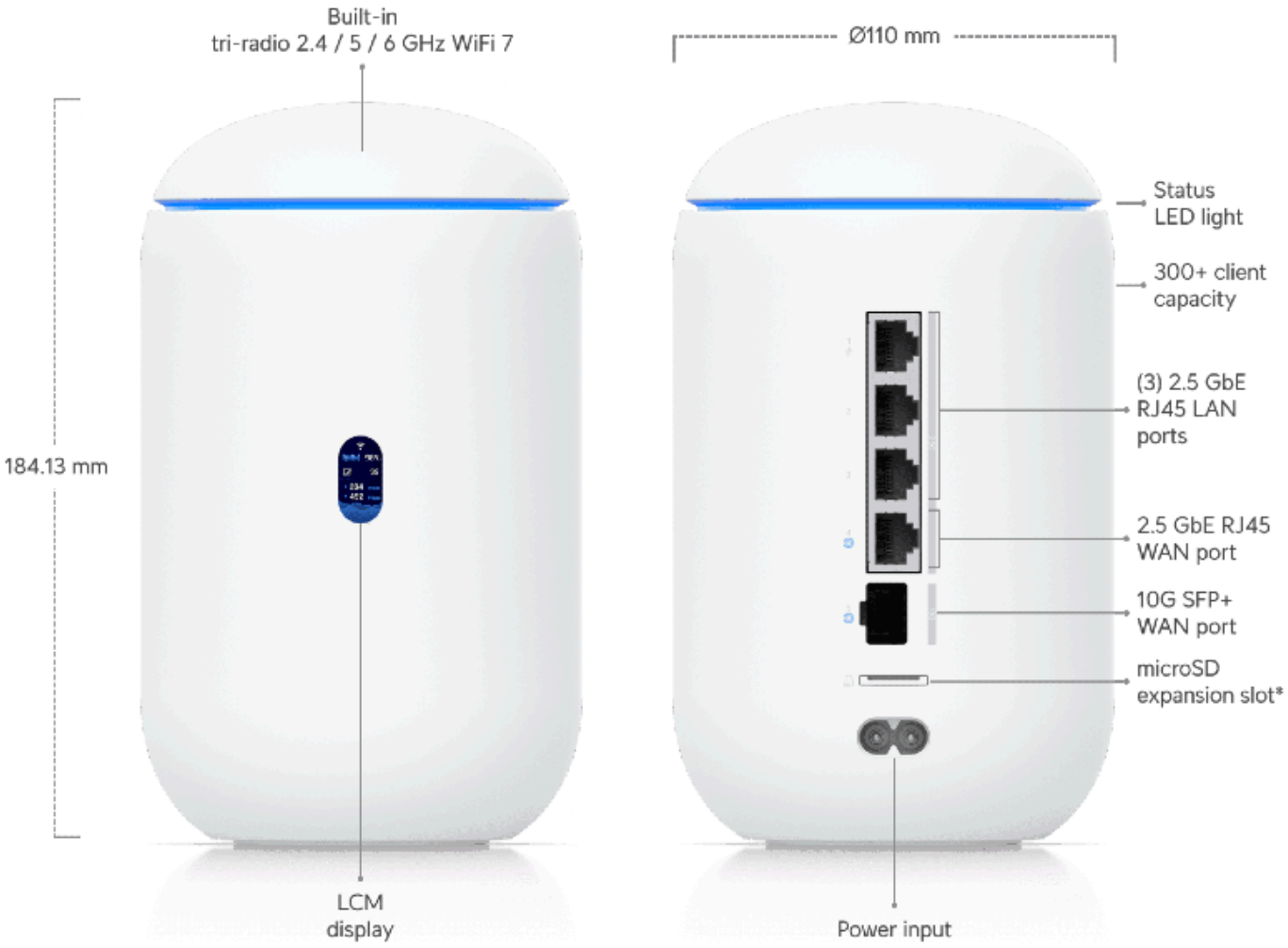
UDR7

Dream Router 7

Specifications	
Dimensions	Ø110 x 184.1 mm
Form Factor	Compact desktop
UniFi Application Suite	Network, Protect, Access, Talk, Connect
Managed UniFi Devices	30+
Managed Cameras	(5) HD, (2) 2K, (1) 4K
Simultaneous Users Connected	300+
Default WAN Ports	(1) 10G SFP+, (1) 2.5 GbE RJ45
LAN Ports	(3) 2.5 GbE RJ45 (including 1 PoE)
IDS/IPS Throughput	2.3 Gbps
Security	
Stateful Firewall	Yes
Application-Aware Layer 7 Firewall	Yes
DPI & Traffic Identification	Yes
Zone-Based Firewall Advanced Filtering	Yes (Regions, Domains, Apps)
Content Filtering	Yes
Intrusion Prevention (IPS/IDS)	Yes
Ad Blocking	Yes
IDS/IPS Signatures	20,000+ with CyberSecure
VLAN/Subnet-based Traffic Segmentation	Yes
VPN & SD-WAN	
License-Free SD-WAN	Yes
Site-to-Site VPN (Site Magic)	Yes
IPsec	Yes
OpenVPN	Yes

VPN Server	Identity Endpoint One-Click VPN, Teleport Zero-Configuration VPN WireGuard, OpenVPN, L2TP
VPN Client	OpenVPN, WireGuard
Networking	
Multi-WAN Load Balancing	Yes
Dynamic Routing (OSPF)	Yes
Advanced QoS	Yes
Multicast DNS (mDNS)	Yes
Advanced NAT	Yes
Integrated RADIUS Server	Yes
RADIUS over TLS (RadSec)	Yes
Additional Internet Failover (LTE Backup)	Yes
Internet Quality and Outage Reporting	Yes
MAC Address Table Size	2,000
Policy-based WAN and VPN Routing	Yes
Customizable DHCP Server	Yes
IPv6 ISP Support	Yes
IGMP Proxy	Yes
Integrated WiFi	
WiFi Standard	802.11a/b/g/n/ac/ax/be (WiFi 6/6E, WiFi 7)
Throughput	6 GHz: 5.7 Gbps, 5 GHz: 4.3 Gbps, 2.4 GHz: 688 Mbps
MIMO	6 GHz: 2x2, 5 GHz: 2x2, 2.4 GHz: 2x2 (DL/UL MU-MIMO)
Antenna Gain	6 GHz: 6 dBi, 5 GHz: 7 dBi, 2.4 GHz: 5 dBi
Hardware	
NVR Storage	Pre-installed 64GB microSD for NVR
Expansion Slot	MicroSD Card
PoE Budget	15.4W
Max. PoE Wattage per Port	15.4W
Voltage Range PoE Mode	44-57V
Max. Power Consumption	26W (Excluding PoE output)

Power Method	Universal AC input, 100-240VAC, 1.5A Max, 50/60 Hz
Power Supply	AC/DC, Internal, 50W
Processor	Quad-core ARM® Cortex®-A53 at 1.5 GHz
System Memory	3 GB
Weight	1.1 kg
Enclosure Material	Polycarbonate
LCM Display	0.96" status display
Management	
Ethernet	Yes
Bluetooth	Yes
LEDs (System)	Yes
ESD/EMP Protection	Air: ±8kV, Contact: ±4kV
Ambient Operating Temperature	-10°C to 40°C
Ambient Operating Humidity	5 to 95% non-condensing
Certifications	CE, FCC, IC
Button	(1) Factory-reset
Software	
VLAN	802.1Q
Guest Traffic Isolation	Yes
Application Requirements	UniFi Network Version 9.0.108 and later



*64 GB pre-installed microSD.